

IN THE CLAIMS:

Please CANCEL claims 33, 53, 54, 66, 69, 72 and 75 without prejudice or disclaimer, AMEND claims 31, 36, 38-40, 42, 43, 46-49, 55, 56, 58, 59, 61-63, 67 and 76-81 and ADD new claims 82-129 as follows.

1-30. (Cancelled)

31. (Currently Amended) An apparatus, comprising:

~~a data store configured to store a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and~~

~~an identifier~~ a processor configured to identify the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store for a cell of the first telecommunication network by using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

32. (Previously Presented) The apparatus as claimed in claim 31, wherein the apparatus is a network element.

33. (Cancelled)

34. (Cancelled)

35. (Previously Presented) The apparatus as claimed in claim 31, wherein the second telecommunication network is a global system for mobile communications network.

36. (Currently Amended) ~~An~~The apparatus as claimed in claim 31,
comprising:

~~a data store configured to store a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and~~

~~an identifier configured to identify the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store;~~

wherein the cell identity information of the second telecommunication network comprises ~~at least one~~ or more of a frequency, a base station identification, ~~or~~and a location area, and the first telecommunications network is a different network from the second telecommunications network.

37. (Previously Presented) The apparatus as claimed in claim 31, wherein the apparatus further comprises radio transceivers configured to transmit the cell information.

38. (Currently Amended) The apparatus as claimed in claim 31, wherein the ~~apparatus~~processor is further comprises configured to use a handover algorithm ~~which that~~ provides seamless mobility between the first telecommunication network and second telecommunication network.

39. (Currently Amended) The apparatus as claimed in claim 36, ~~wherein the~~ ~~apparatus~~further comprises:

a receiver configured to receive information regarding a signal level of a serving cell and a neighbor cell.

40. (Currently Amended) The apparatus as claimed in claim 38, wherein the seamless mobility is provided when a mobile station is either in an idle mode or an ~~A~~active mode.

41. (Previously Presented) The apparatus as claimed in claim 32, wherein the apparatus is an access point.

42. (Currently Amended) An apparatus, comprising:

a receiver configured to receive cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of the cells from both the first telecommunications network and second telecommunication networks use ~~the~~ a cell identity information structure of the second telecommunication network; and

a ~~determiner~~ processor configured to

determine ~~the~~ a need to change serving cells, ~~and to~~

initialize ~~the~~ a process of changing a serving cell to another cell; and

~~a handover module configured to~~ provide seamless mobility between the first telecommunications network and the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

43. (Currently Amended) The apparatus as claimed in claim 42, wherein the receiver is further configured to receive signal strength information of the cells, and the ~~determiner~~ processor is further configured to determine the need to change serving cells on the basis of the signal strength information.

44. (Cancelled)

45. (Previously Presented) The apparatus as claimed in claim 42, wherein the second telecommunication network is a global system for mobile communications network.

46. (Currently Amended) ~~An~~The apparatus as claimed in claim 42,
comprising:

~~a receiver configured to receive cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;~~

~~a determiner configured to determine the need to change serving cells;~~

~~an initializer configured to initialize the process of changing a serving cell to another cell; and~~

~~a handover module configured to provide seamless mobility between the first telecommunications network and the second telecommunication network, wherein~~

~~the first telecommunications network is a different network from the second telecommunications network, and~~

~~wherein the cell identity information of the second telecommunication network comprises at least one or more of a frequency, a base station identification, ~~or~~and a location area.~~

47. (Currently Amended) The apparatus as claimed in claim 42, wherein the ~~handover module is implemented in an apparatus~~ is located in the first telecommunication network or the second telecommunication network.

48. (Currently Amended) The apparatus as claimed in claim 42, wherein the ~~handover module~~ apparatus ~~is implemented in a~~ mobile station.

49. (Currently Amended) A method, comprising:
transmitting a cell identity information to a mobile station, wherein the cell identity information ~~being~~ is stored in a first telecommunication network using a cell identity information structure of a second telecommunication network; and
providing seamless mobility between the first telecommunication network and the second telecommunication network, wherein
the first telecommunications network is a different network from the second telecommunications network.

50. (Previously Presented) The method as claimed in claim 49, wherein the cell information is stored in a neighbor list of neighboring cells of the second telecommunication network.

51. (Previously Presented) The method as claimed in claim 49, wherein the transmitting is done in a cell of the second telecommunication network.

52. (Previously Presented) The method as claimed in claim 51, wherein cell identity information of the cell of the first telecommunication network includes neighbor information given by the cell of the second telecommunication network.

53. (Cancelled)

54. (Cancelled)

55. (Currently Amended) An apparatus, comprising:
a transmitter configured to communicate with a first telecommunication network and a second telecommunication network; and
a receiver configured to receive a-cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network, wherein
the first telecommunications network is a different network from the second telecommunications network.

56. (Currently Amended) The apparatus as claimed in claim 55, further comprising:
a ~~measurer~~processor configured to measure a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

57. (Cancelled)

58. (Currently Amended) The apparatus as claimed in claim 55, wherein the second telecommunication network is global system for mobile communications-(GSM) network.

59. (Currently Amended) The apparatus as claimed in claim 55, wherein the cell identity information of the second telecommunication network comprises ~~at least one~~ or more of a frequency, a base station identification, ~~or~~ and a location area.

60. (Previously Presented) The apparatus as claimed in claim 55, wherein a mobile station of the first or second telecommunications networks is configured to transmit a signal level to at least one of the first telecommunication network and the second telecommunication network.

61. (Currently Amended) The apparatus as claimed in claim 55, wherein a mobile station of the first or second telecommunications networks ~~comprises a modifier~~ is configured to modify a measurement result to force the network to change the serving cell.

62. (Currently Amended) The apparatus as claimed in claim 55, wherein the receiver is configured to receive ~~a~~ cell identity information for a cell of the first

telecommunication network and the identity information from the second telecommunication network.

63. (Currently Amended) The apparatus as claimed in claim 56, wherein the receiver is configured to receive a cell identity information for a cell of the first telecommunication network and the identity information as a part of neighbor information of the cell of the second network.

64. (Previously Presented) The apparatus of claim 31, wherein the first telecommunications network is a wireless local area network.

65. (Previously Presented) The apparatus of claim 31, wherein the first telecommunications network is a Bluetooth network.

66. (Cancelled)

67. (Currently Amended) The ~~handover module~~apparatus of claim 42, wherein the first telecommunications network is a wireless local area network.

68. (Previously Presented) The apparatus of claim 42, wherein the first telecommunications network is a Bluetooth network.

69. (Cancelled)

70. (Previously Presented) The method of claim 49, wherein the first telecommunications network is a wireless local area network.

71. (Previously Presented) The method of claim 49, wherein the first telecommunications network is a Bluetooth network.

72. (Cancelled)

73. (Previously Presented) The apparatus of claim 55, wherein the first telecommunications network is a wireless local area network.

74. (Previously Presented) The apparatus of claim 55, wherein the first telecommunications network is a Bluetooth network.

75. (Cancelled)

76. (Currently Amended) An apparatus, comprising:
~~storing means for storing a cell identity information for a cell of a first~~
~~telecommunication network using a cell identity information structure of a second~~
~~telecommunication network; and~~

identifying means for identifying ~~the~~a cell of ~~the~~a first telecommunication network as a neighboring cell by ~~the~~a second telecommunication network using ~~the~~ cell identity information ~~stored in the data store~~for a cell of the first telecommunication network by using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

77. (Currently Amended) ~~An~~The apparatus as claimed in claim 76, comprising:

~~storing means for storing a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and~~

~~identifying means for identifying the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store;~~

wherein the cell identity information of the second telecommunication network comprises ~~at least one or more~~ of a frequency, a base station identification, ~~or~~and a location area, and the first telecommunications network is a different network from the second telecommunications network.

78. (Currently Amended) An apparatus, comprising:

receiving means for receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use ~~the~~ a cell identity information structure of the second telecommunication network;

determining means for determining ~~the~~ a need to change serving cells, and to initialize ~~the~~ a process of changing a serving cell to another cell; and

handing over means for providing seamless mobility between the first telecommunications network and the second telecommunication network, wherein the first telecommunications network is a different network from the second telecommunications network.

79. (Currently Amended) ~~An~~ The apparatus of claim 78, comprising:

~~receiving means for receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;~~

~~determining means for determining the need to change serving cells;~~

~~initializing means for initializing the process of changing a serving cell to another cell; and~~

~~handing over means for providing seamless mobility between the first telecommunications network and the second telecommunication network, wherein the first telecommunications network is a different network from the second telecommunications network, and~~

wherein the cell identity information of the second telecommunication network comprises ~~at least one~~ or more of a frequency, a base station identification, ~~or~~ and a location area.

80. (Currently Amended) An apparatus, comprising:
communicating means for communicating with a first telecommunication network and a second telecommunication network; and
receiving means for receiving ~~a~~ cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network, wherein
the first telecommunications network is a different network from the second telecommunications network.

81. (Currently Amended) A computer ~~program embodied on~~ readable medium encoded with a computer ~~readable medium~~ program, said computer program configured to control a processor to perform a process, the process comprising:

transmitting a cell identity information to a mobile station, wherein the cell identity information ~~being~~is stored in a first telecommunication network using a cell identity information structure of a second telecommunication network; and

providing seamless mobility between the first telecommunication network and the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

82. (New) A method, comprising:

identifying a cell of a first telecommunication network as a neighboring cell by a second telecommunication network using cell identity information for a cell of the first telecommunication network by using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

83. (New) The method as claimed in claim 82, wherein the second telecommunication network is a global system for mobile communications network.

84. (New) The method as claimed in claim 82, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area, and the first

telecommunications network is a different network from the second telecommunications network.

85. (New) A computer program embodied with a computer readable medium, the program configured to control a processor to perform a process, the process comprising:

identifying a cell of a first telecommunication network as a neighboring cell by a second telecommunication network using cell identity information for a cell of the first telecommunication network by using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

86. (New) The computer program as claimed in claim 85, wherein the second telecommunications network is a global system for mobile communications network.

87. (New) The computer program as claimed in claim 85, wherein the cell identity information of the second telecommunications network comprises one or more of a frequency, a base station identification, and a location area, and the first telecommunications network is a different network from the second telecommunications network.

88. (New) The computer program as claimed in claim 87, the process further comprising:

receiving information regarding a signal level of a serving cell and a neighbor cell.

89. (New) The computer program as claimed in claim 86, wherein the seamless mobility is provided when a mobile station is either in an idle mode or an active mode.

90. (New) A method, comprising:

receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of the cells from both the first telecommunications network and second telecommunication networks use a cell identity information structure of the second telecommunication network;

determining a need to change serving cells;

initializing a process of changing a serving cell to another cell; and

providing seamless mobility between the first telecommunications network and the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

91. (New) The method as claimed in claim 90, further comprising:
receiving signal strength information of the cells, wherein the need to change serving cells is determined on the basis of the signal strength information.

92. (New) The method as claimed in claim 90, wherein the second telecommunication network is a global system for mobile communications network.

93. (New) The method as claimed in claim 90, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

94. (New) A computer program embodied with a computer-readable medium, the program configured to control a processor to perform a process, the process comprising:

receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of the cells from both the first telecommunications network and second telecommunication networks use a cell identity information structure of the second telecommunication network;

determining a need to change serving cells;

initializing a process of changing a serving cell to another cell; and

providing seamless mobility between the first telecommunications network and the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

95. (New) The computer program as claimed in claim 94, the process further comprising:

receiving signal strength information of the cells, wherein the need to change serving cells is determined on the basis of the signal strength information.

96. (New) The computer program as claimed in claim 94, wherein the second telecommunication network is a global system for mobile communications network.

97. (New) The computer program as claimed in claim 94, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

98. (New) A method, comprising:
communicating with a first telecommunication network and a second telecommunication network; and
receiving cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

99. (New) The method as claimed in claim 98, further comprising:
measuring a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

100. (New) The method as claimed in claim 98, wherein the second telecommunication network is global system for mobile communications network.

101. (New) The method as claimed in claim 98, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

102. (New) The method as claimed in claim 98, wherein a mobile station of the first or second telecommunications networks is configured to transmit a signal level to at least one of the first telecommunication network and the second telecommunication network.

103. (New) The method as claimed in claim 98, wherein a mobile station of the first or second telecommunications networks is configured to modify a measurement result to force the network to change the serving cell.

104. (New) The method as claimed in claim 99, wherein the receiving further comprises receiving cell identity information for a cell of the first telecommunication network and the identity information from the second telecommunication network.

105. (New) The method as claimed in claim 99, wherein the receiving further comprises receiving cell identity information for a cell of the first telecommunication network and the identity information as a part of neighbor information of the cell of the second network.

106. (New) A computer program embodied on a computer-readable medium, the program configured to control a processor to perform a process, the process comprising:

communicating with a first telecommunication network and a second telecommunication network; and

receiving cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network, wherein

the first telecommunications network is a different network from the second telecommunications network.

107. (New) The computer program as claimed in claim 106, the process further comprising:

measuring a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

108. (New) The computer program as claimed in claim 106, wherein the second telecommunication network is global system for mobile communications network.

109. (New) The computer program as claimed in claim 106, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

110. (New) The computer program as claimed in claim 106, wherein a mobile station of the first or second telecommunications networks is configured to transmit a signal level to at least one of the first telecommunication network and the second telecommunication network.

111. (New) The computer program as claimed in claim 106, wherein a mobile station of the first or second telecommunications networks is configured to modify a measurement result to force the network to change the serving cell.

112. (New) The computer program as claimed in claim 107, wherein the receiving further comprises receiving cell identity information for a cell of the first

telecommunication network and the identity information from the second telecommunication network.

113. (New) The computer program as claimed in claim 107, wherein the receiving further comprises receiving cell identity information for a cell of the first telecommunication network and the identity information as a part of neighbor information of the cell of the second network.

114. (New) An apparatus, comprising:
a transmitter configured to transmit cell identity information to a mobile station, wherein the cell identity information is stored in a first telecommunication network using a cell identity information structure of a second telecommunication network; and
a processor configured to use a handover algorithm that provides seamless mobility between the first telecommunication network and the second telecommunication network, wherein
the first telecommunications network is a different network from the second telecommunications network.

115. (New) The apparatus as claimed in claim 114, wherein the cell information is stored in a neighbor list of neighboring cells of the second telecommunication network.

116. (New) The apparatus as claimed in claim 114, wherein the apparatus is located in a cell of the second telecommunication network.

117. (New) The apparatus as claimed in claim 116, wherein cell identity information of the cell of the first telecommunication network includes neighbor information given by the cell of the second telecommunication network.

118. (New) The apparatus as claimed in claim 114, further comprising:
a receiver configured to receive the cell identity information, wherein
the processor is further configured to measure an rx-level of cells, and
the transmitter is further configured to transmit the measurement results to at least one of the first telecommunication network and the second telecommunications network.

119. (New) The apparatus as claimed in claim 114, wherein the transmitter is further configured to modify the transmitted measurement result to force the serving cell to be changed.

120. (New) An apparatus, comprising:
transmitting means for transmitting cell identity information to a mobile station,
wherein the cell identity information is stored in a first telecommunication network using a cell identity information structure of a second telecommunication network; and

handover means for providing seamless mobility between the first telecommunication network and the second telecommunication network, wherein the first telecommunications network is a different network from the second telecommunications network.

121. (New) The computer program as claimed in claim 81, the process further comprising:

measuring a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

122. (New) The computer program as claimed in claim 81, wherein the second telecommunication network is global system for mobile communications network.

123. (New) The computer program as claimed in claim 81, wherein the cell identity information of the second telecommunication network comprises one or more of a frequency, a base station identification, and a location area.

124. (New) The computer program as claimed in claim 81, wherein a mobile station of the first or second telecommunications networks is configured to transmit a signal level to at least one of the first telecommunication network and the second telecommunication network.

125. (New) The computer program as claimed in claim 81, wherein a mobile station of the first or second telecommunications networks is configured to modify a measurement result to force the network to change the serving cell.

126. (New) The computer program as claimed in claim 121, wherein the receiving further comprises receiving cell identity information for a cell of the first telecommunication network and the identity information from the second telecommunication network.

127. (New) The computer program as claimed in claim 121, wherein the receiving further comprises receiving cell identity information for a cell of the first telecommunication network and the identity information as a part of neighbor information of the cell of the second network.

128. (New) The apparatus of claim 31, further comprising:
a data store configured to store the cell identity information for the cell of the first telecommunication network using the cell identity information structure of the second telecommunication network.

129. (New) The apparatus of claim 76, further comprising:

storing means for storing the cell identity information for the cell of the first telecommunication network using the cell identity information structure of the second telecommunication network.